United States
Department of
Agriculture

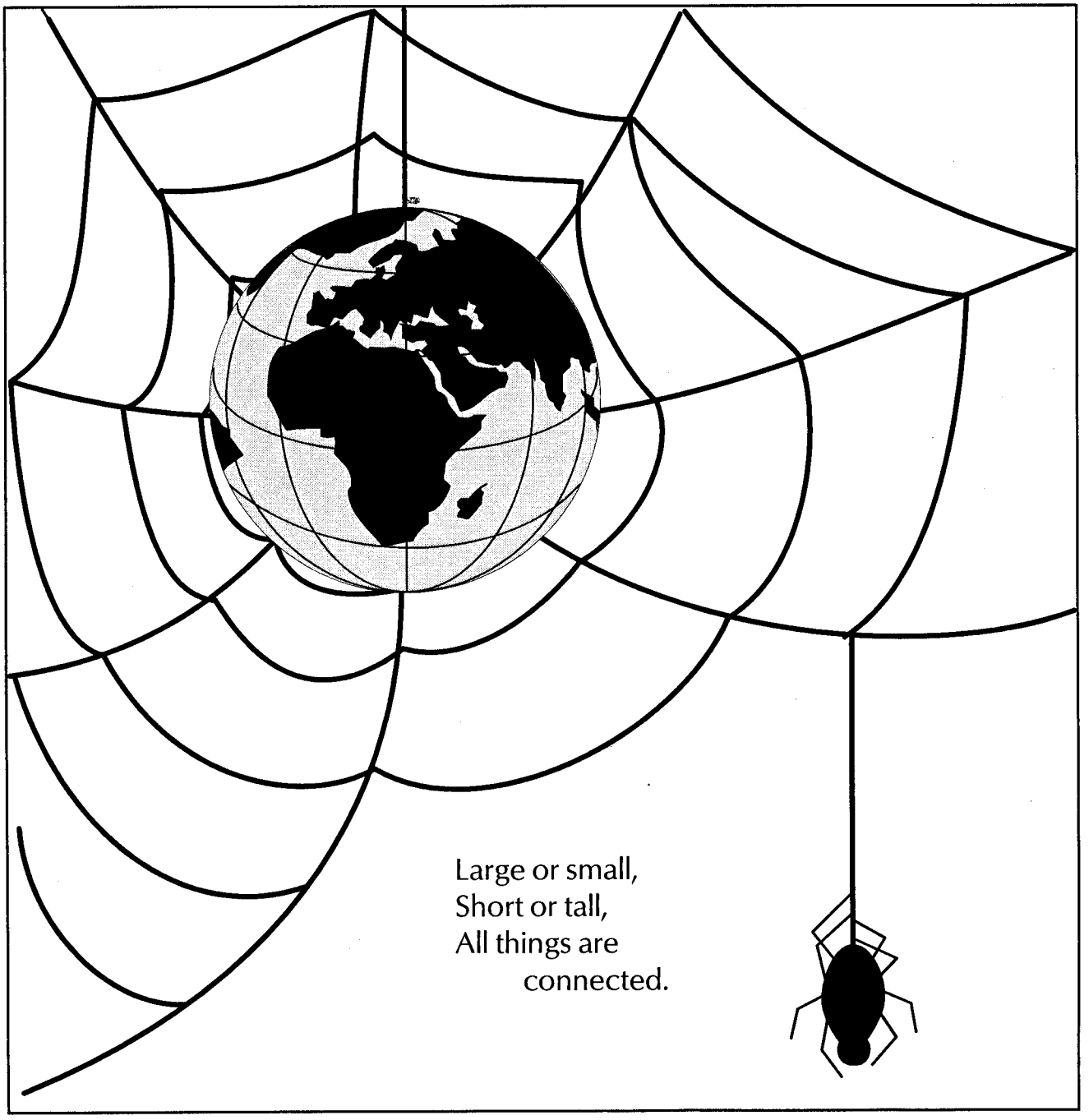
Forest Service

**Northeastern Area
State & Private Forestry**

**Northeastern Forest
Experiment Station**

NE/NA-INF-122-94

The Web of Life
Activity Booklet



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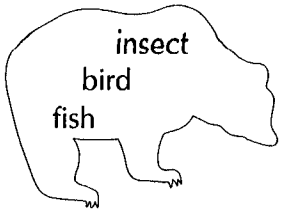
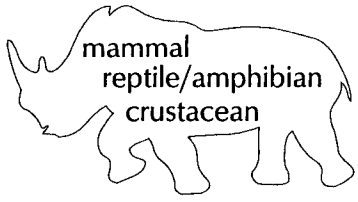
The Web of Life Activity Booklet

This activity booklet was created by Andrea Webster and Rick Henry, both of whom have been interns under the Branching Out To Youth of America Program. Jackie Twiss provided the graphic design throughout the booklet.

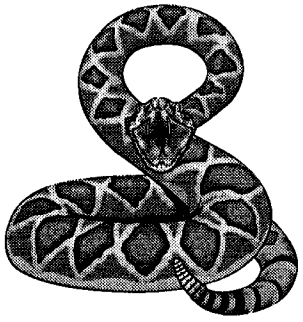


Animals



There are many different animal classes. Each class of animals has traits which are specific to their class. See if you can match the animal with the class in which it belongs. Check the glossary if you need help.

1.



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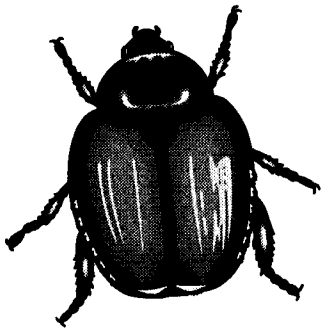

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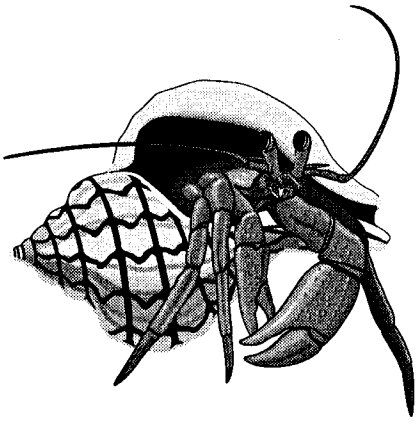

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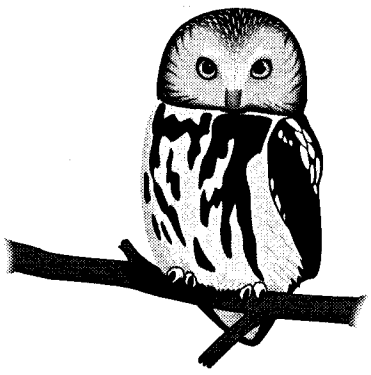

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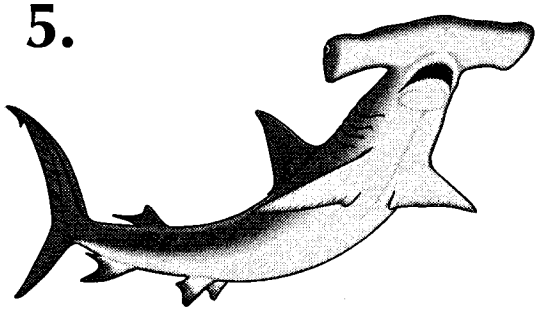

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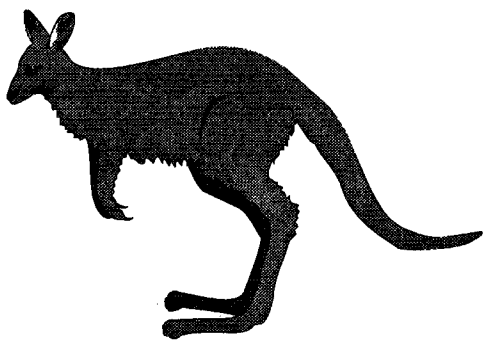
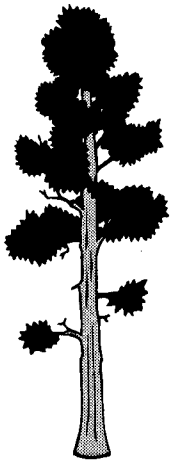


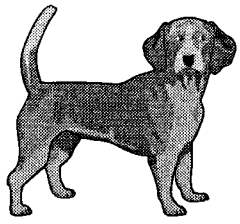
Answers: 1. reptile, 2. insect, 3. crustacean, 4. bird, 5. fish, 6. mammal



Tree ID

How many different types of trees do you know? Test your knowledge and unscramble the letters to find out how many you know.

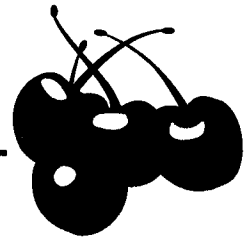
1. w d o d o o g ___ ___ ___ ___ ___ ___ ___



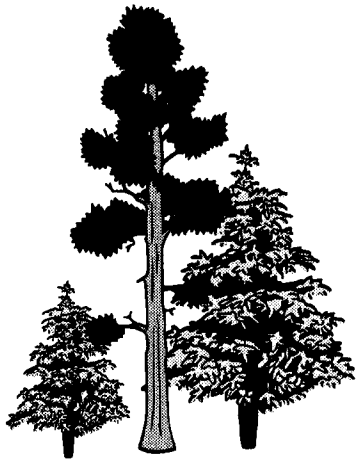
2. l e a m p ___ ___ ___ ___ ___

3. k a o ___ ___ ___

4. r h y r c e ___ ___ ___ ___ ___ ___



5. p s c r e u ___ ___ ___ ___ ___ ___



6. n e p i ___ ___ ___ ___

Make the Connection

The items listed in the two columns need to be connected. Draw a line from Column I to the item that matches it in Column II.

1. tree product	A. smoke
2. pollution	B. writer
3. habitat	C. oil
4. natural resource	D. chewing gum
5. someone who works in the Forest Service	E. pond

Answers

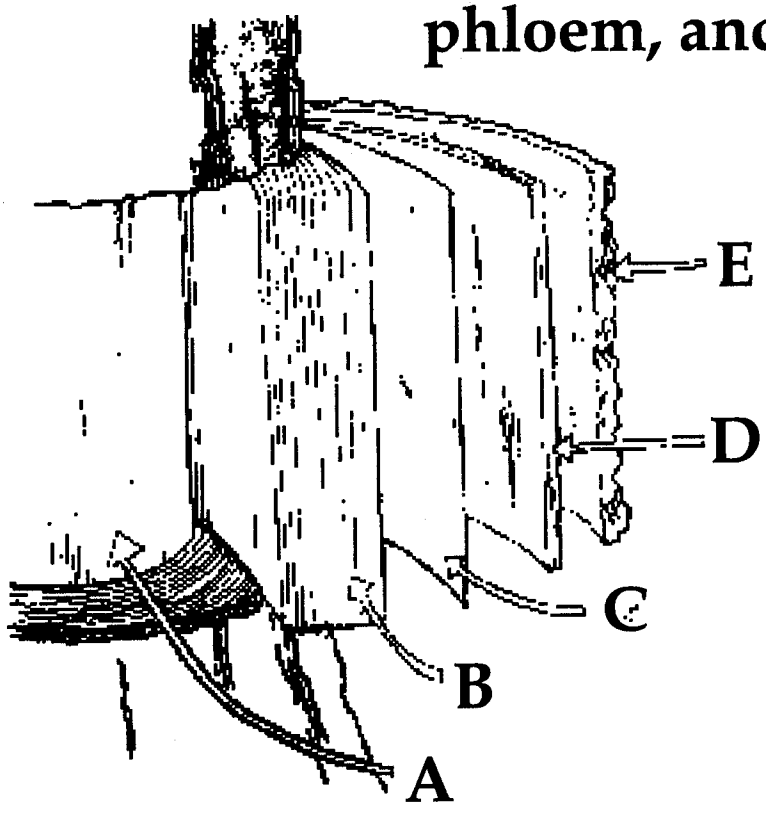
1. Chewing gum is one of many things that come from trees; some other things are: newspaper, some medicine, almonds, and rubber gloves.
2. Smoke (air), soil, water and noise are forms of pollutions.
3. Desert, pond, ocean, marsh, and prairie are types of habitats.
4. Writers, artists, scientists, foresters, and accountants can all work for the Forest Service.
5. Oil, gas, water, trees, soil, people, animals and sunlight are natural resources.

Tree Parts Seek and Find

m	b	r	a	n	c	h	e	s	t	o	o	r
p	k	s	b	t	r	u	n	k	a	e	r	a
h	a	e	r	d	n	a	j	i	p	l	a	k
l	z	e	c	a	s	h	c	v	r	e	o	l
o	b	i	r	w	a	m	y	r	o	t	a	e
e	l	m	k	g	p	m	s	a	o	c	l	a
m	h	r	u	n	w	s	t	c	t	w	i	v
o	a	k	c	w	o	a	e	o	r	t	n	e
b	f	g	d	o	o	w	t	r	a	e	h	s
x	j	e	t	q	d	m	u	i	b	m	a	c
m	l	a	t	e	r	a	l	r	o	o	t	s

bark
branches
cambium
crown
heartwood
lateral roots
leaves
phloem
root
sapwood
taproot
trunk

Label the Parts: heartwood, sapwood, cambium, phloem, and bark.



A. _____

B. _____

C. _____

D. _____

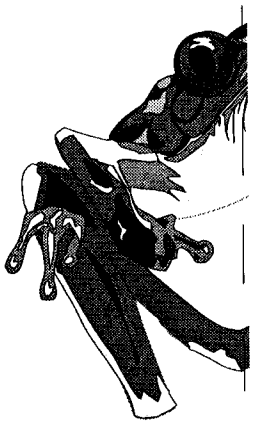
E. _____

Draw the other half of the objects below. See how creative you can be.

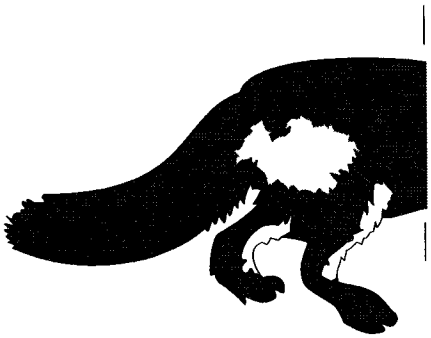
1. Tree

2. Mountain Lion (Panther)

3. Bullfrog



4. Fox



In the box below, create a place where one or all of the living things above could live.

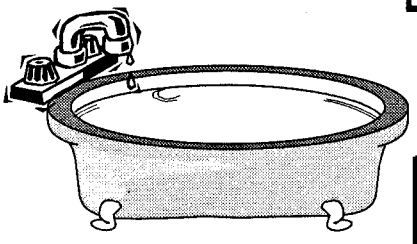
Where Did The Water Go?

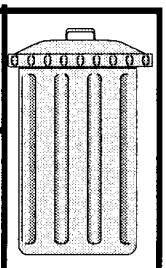
Do you ever wonder where your drinking, cooking and bathing water comes from? Even more so, where does it go after it leaves your eyesight and heads down the drain? Drinking, bathing and even sewer water begins an endless journey back to the waste water treatment plant where it gets recycled.

Where does the water treatment facility get its water? Rivers and other bodies of water make up the water distributed by the plant to its customers. Once the water leaves your home, it undergoes several procedures which make it clean and safe to use again.

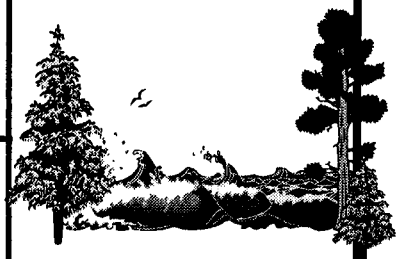
Four-year-old Fran just finished taking a bath. Fran sees the water go down the drain but doesn't know where it goes. Can you help Fran find out where her bathwater goes?

START

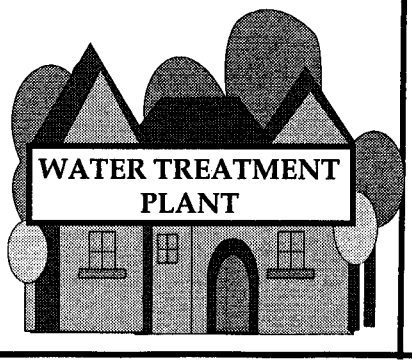


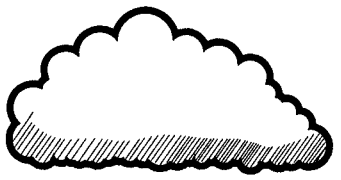


Pickle Pond



Lake Fish





Woodsy's Word

What does Woodsy Owl say? Solve the math problems using addition, subtraction, multiplication and division. After solving the problems, use the decoder box to fill in the letter that corresponds to the answer you found.

Decoder Key	
A =1	N = 22
B =8	O = 4
C = 11	P = 7
D = 16	Q = 15
E = 2	R = 26
F = 19	S = 25
G = 9	T = 20
H = 21	U = 5
I = 3	V = 23
J = 24	W = 6
K = 13	X = 12
L = 10	Y = 18
M = 17	Z = 14

30-15+3-9= _____ 60÷20= _____ 100÷2-27= _____ 69+11+20÷50= _____

8x8÷4-15= _____

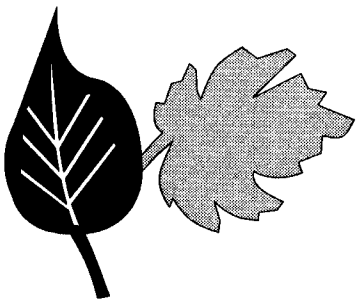
24÷2+9= _____ 5x4-12-4= _____ 8x4-12÷5= _____ 10÷2x5-5= _____

72÷12+10= _____ 16+37-45-4= _____ 44x2-66= _____ 200÷50x4+4= _____

7x3-14= _____ 6+8+10÷6= _____ 100÷10= _____ 2x4+2= _____ 24+1÷5= _____ 39+6-25= _____ 15+3÷9= _____

Scavenger Hunt

See if you can find everything on the list! Look at the playground, a parking lot, or your own backyard.

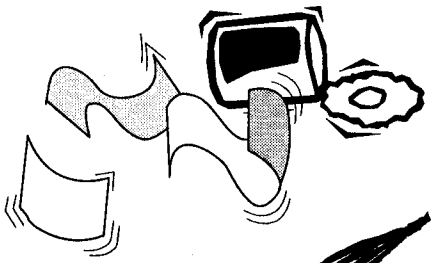


Collect these:

A leaf that has fallen

A rock with two colors

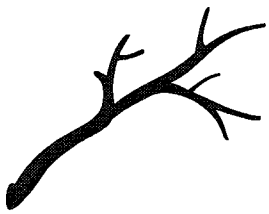
A seed



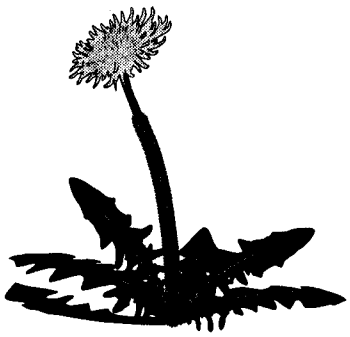
Three different types of litter
(example: paper, plastic, aluminum)

A feather

A pine needle



A small branch that has fallen

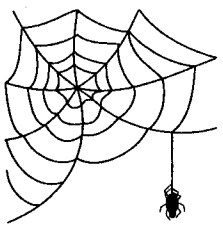


Find these, but DO NOT collect:

A flower

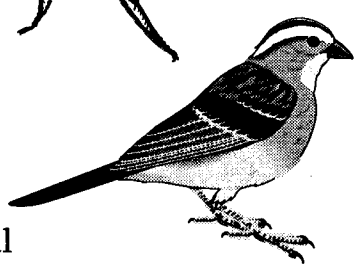
An animal track

A spider



An insect

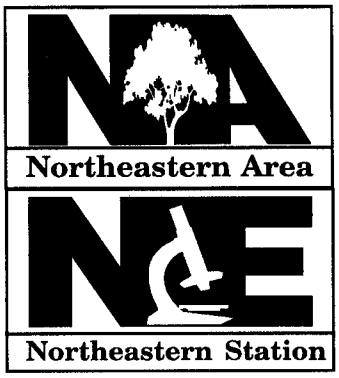
A bird



The sap from a tree

Moss

The home of an animal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